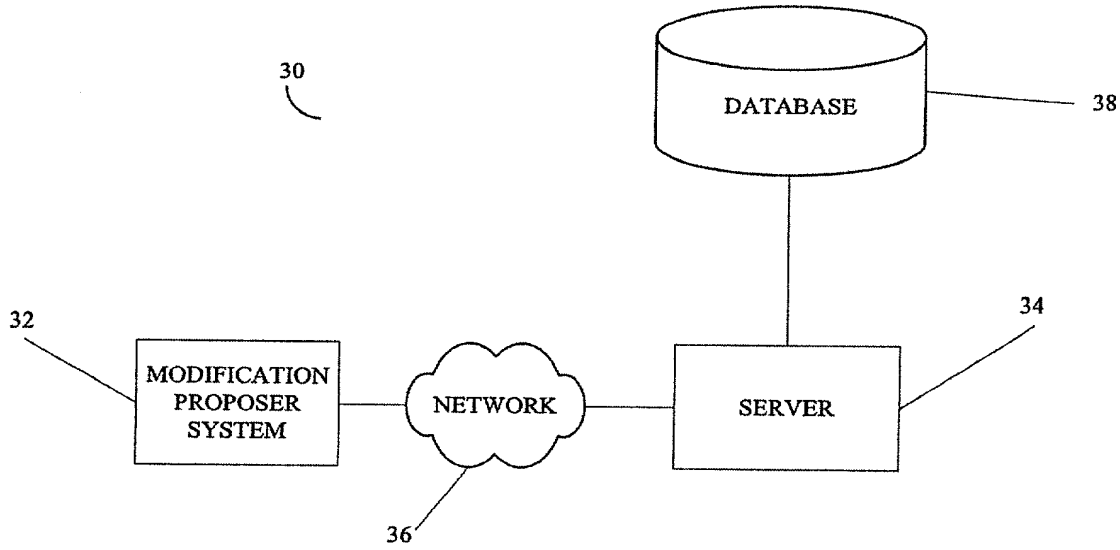
30
DATABASE
38
32
34
MODIFICATION PROPOSER SYSTEM
NETWORK
SERVER
36

FIG 1

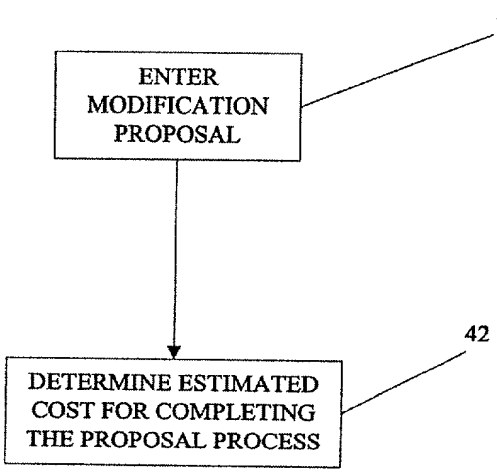
40
ENTER MODIFICATION PROPOSAL
42
DETERMINE ESTIMATED COST FOR COMPLETING THE PROPOSAL PROCESS

FIG 2

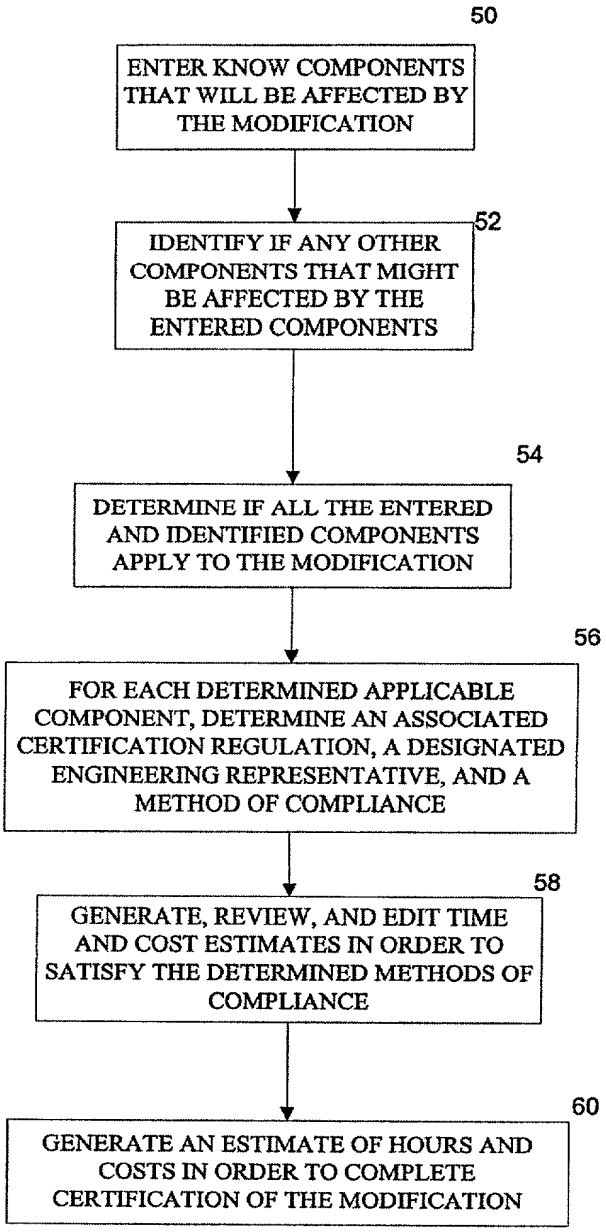
50
ENTER KNOW COMPONENTS THAT WILL BE AFFECTED BY THE MODIFICATION
52
IDENTIFY IF ANY OTHER COMPONENTS THAT MIGHT BE AFFECTED BY THE ENTERED COMPONENTS
54
DETERMINE IF ALL THE ENTERED AND IDENTIFIED COMPONENTS APPLY TO THE MODIFICATION
56
FOR EACH DETERMINED APPLICABLE COMPONENT, DETERMINE AN ASSOCIATED CERTIFICATION REGULATION, A DESIGNATED ENGINEERING REPRESENTATIVE, AND A METHOD OF COMPLIANCE
58
GENERATE, REVIEW, AND EDIT TIME AND COST ESTIMATES IN ORDER TO SATISFY THE DETERMINED METHODS OF COMPLIANCE
60
GENERATE AN ESTIMATE OF HOURS AND COSTS IN ORDER TO COMPLETE CERTIFICATION OF THE MODIFICATION

FIG. 3

"OFFICIAL" 09/976,560

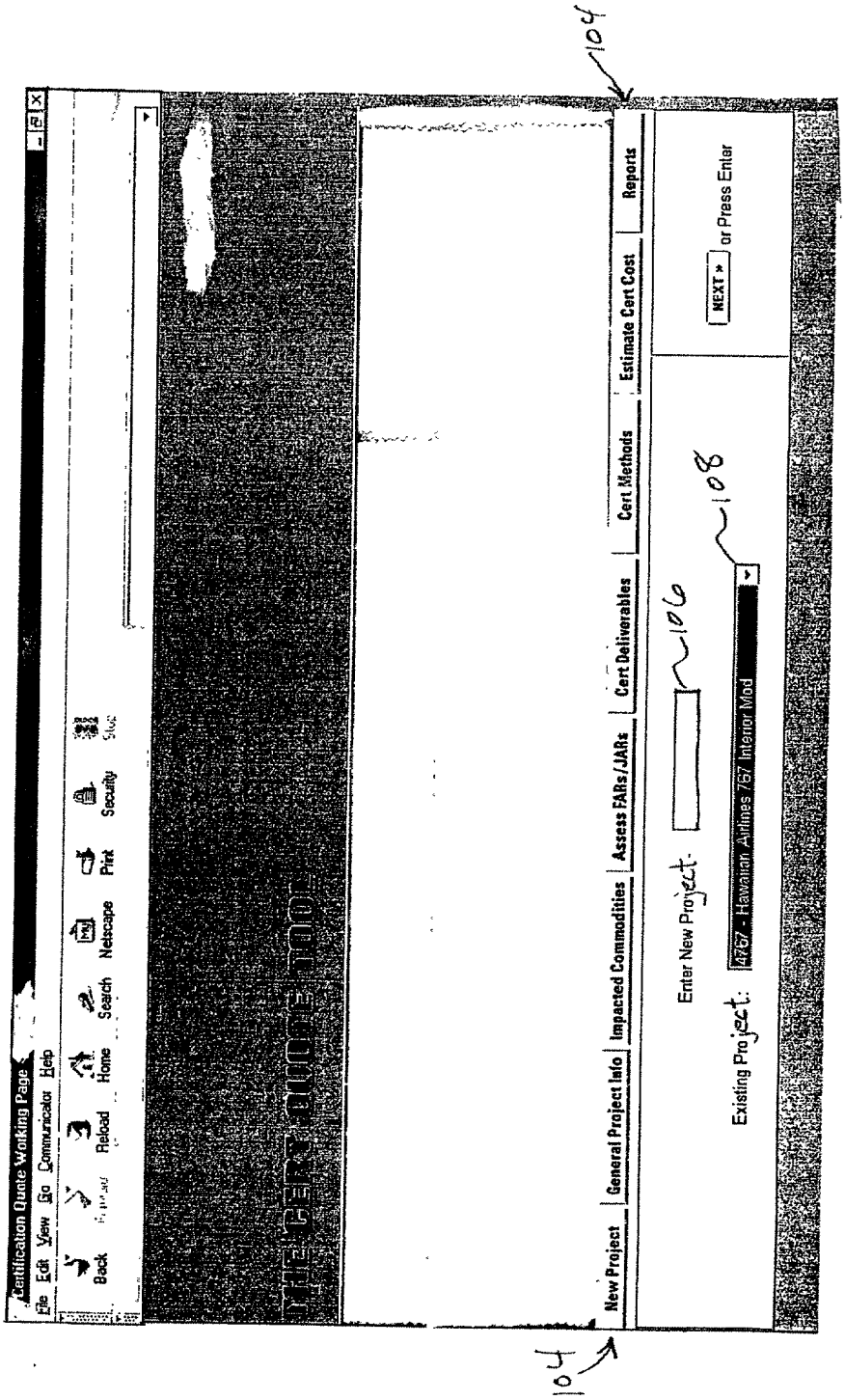

FIG. 4

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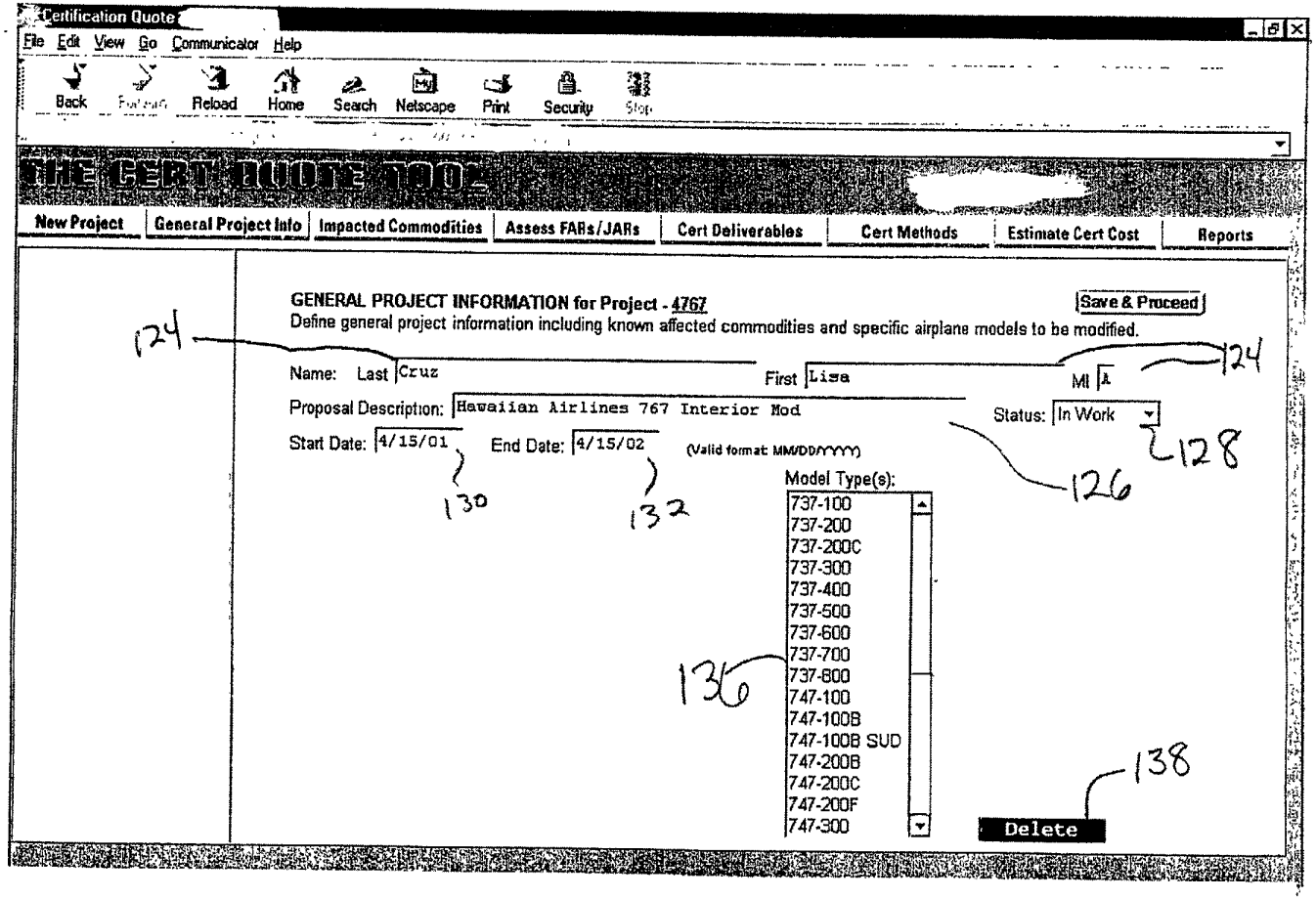

FIG. 5A

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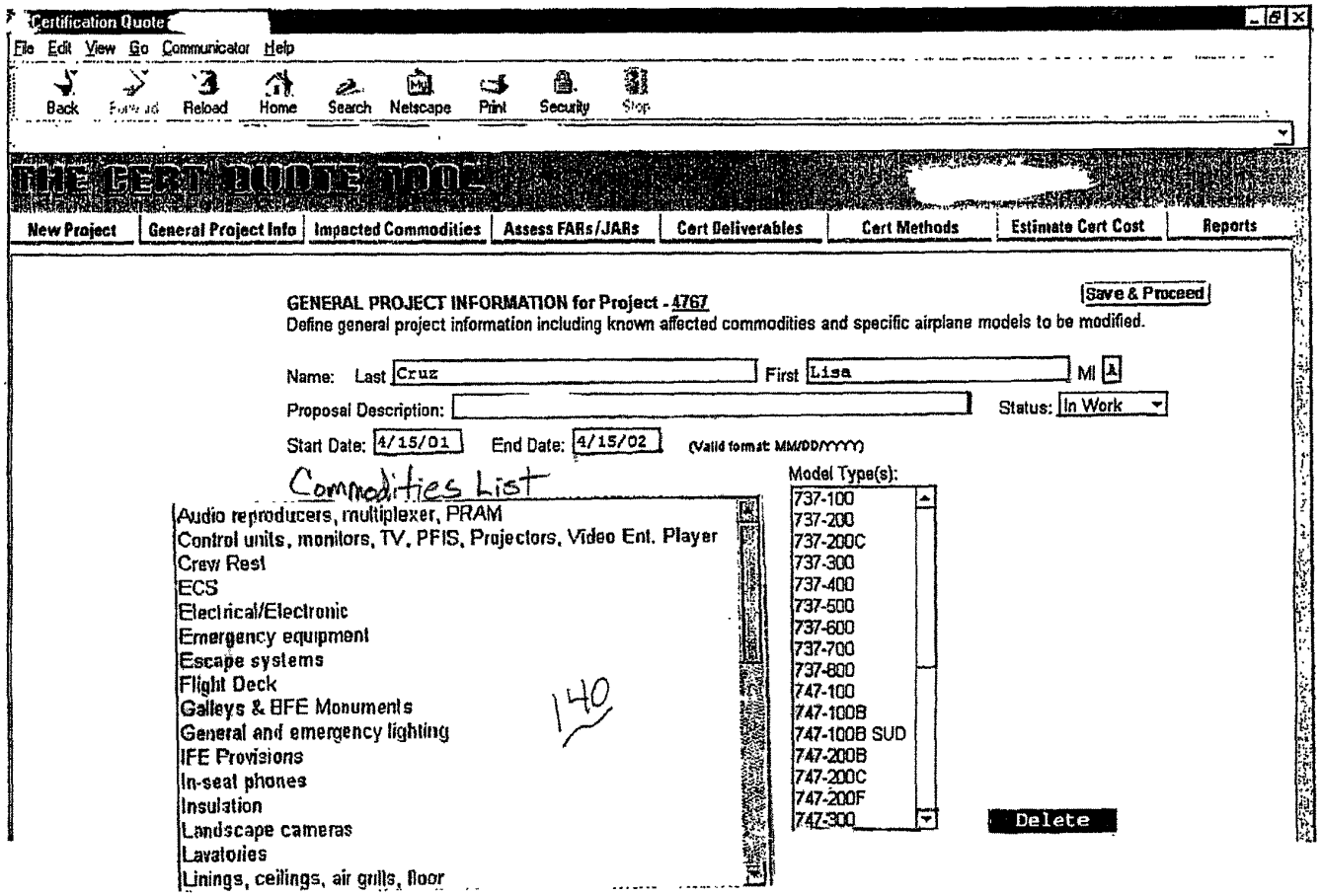
FIG. 5B.



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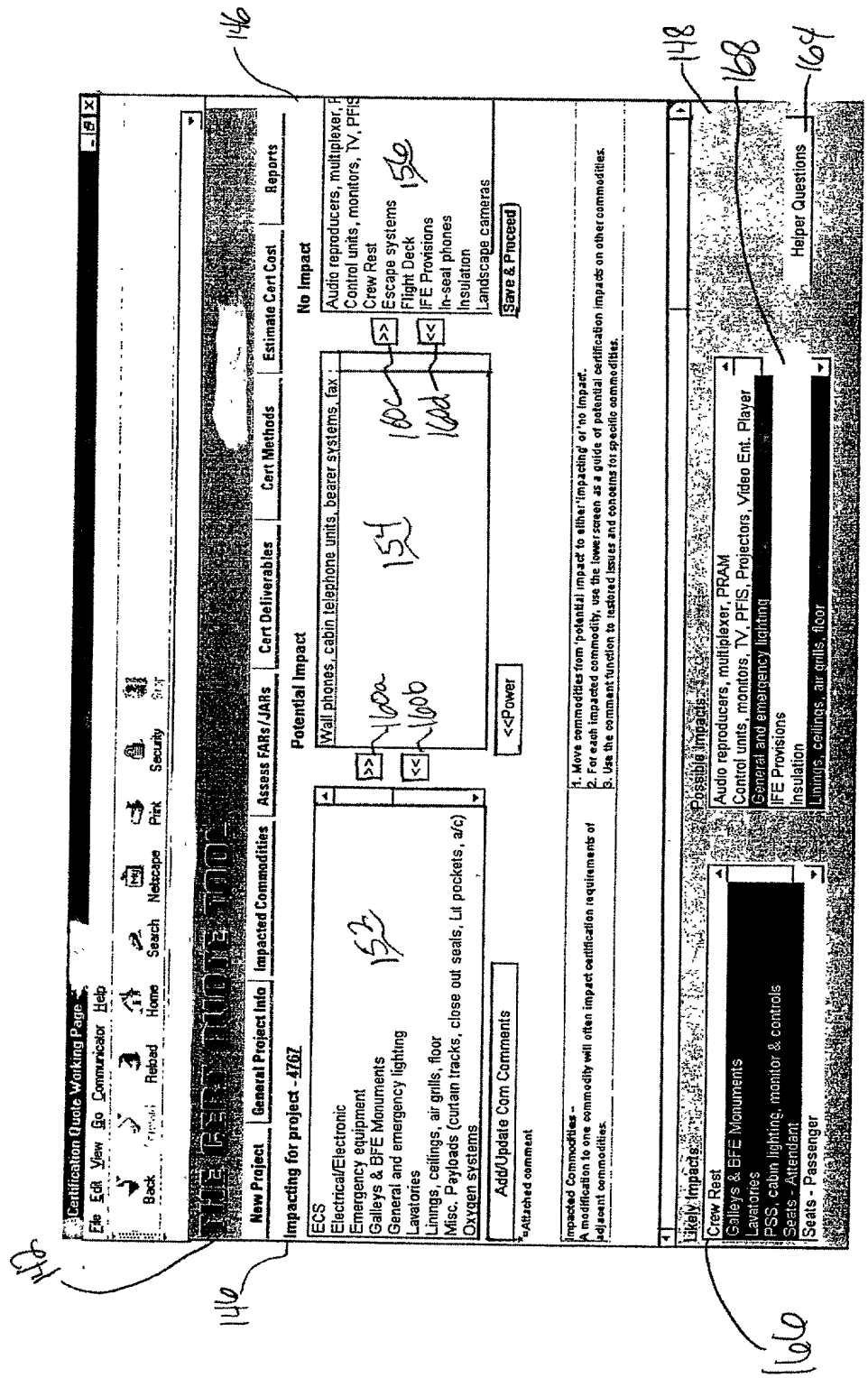
Certification Quote Working Page
File Edit View Go Communicator Help
Back Reload Home Search Netscape Print Security
New Project
General Project Info
Impacted Commodities
Assess FARs/JARs
Cert Deliverables
Cert Methods
Estimate Cert Cost
Reports
Impacting for project - 4767
ECS
Electrical/Electronic
Emergency equipment
Galleys & BFE Monuments
General and emergency lighting
Lavatories
Linings, ceilings, air grills, floor
Misc. Payloads (curtain tracks, close out seals, Lit pockets, a/c)
Oxygen systems
Add/Update Com Comments
*Attached comment
Potential Impact
Wall phones, cabin telephone units, bearer systems, fax
<<Power
No Impact
Audio reproducers, multiplexer, P
Control units, monitors, TV, PFIS
Crew Rest
Escape systems
Flight Deck
IFE Provisions
In-seal phones
Insulation
Landscape cameras
Save & Proceed
Impacted Commodities --
A modification to one commodity will often impact certification requirements of adjacent commodities.
1. Move commodities from 'potential impact' to either 'impacting' or 'no impact.
2. For each impacted commodity, use the lower screen as a guide of potential certification impacts on other commodities.
3. Use the comment function to record issues and concerns for specific commodities.
Likely Impacts
Crew Rest
Galleys & BFE Monuments
Lavatories
PSS, cabin lighting, monitor & controls
Seats - Attendant
Seats - Passenger
Possible Impacts
Audio reproducers, multiplexer, PRAM
Control units, monitors, TV, PFIS, Projectors, Video Ent. Player
General and emergency lighting
IFE Provisions
Insulation
Linings, ceilings, air grills, floor
Helper Questions
146
148
168
164
160
152
154
156
158
160a
160b
160c
160d
162
164

FIG. 6

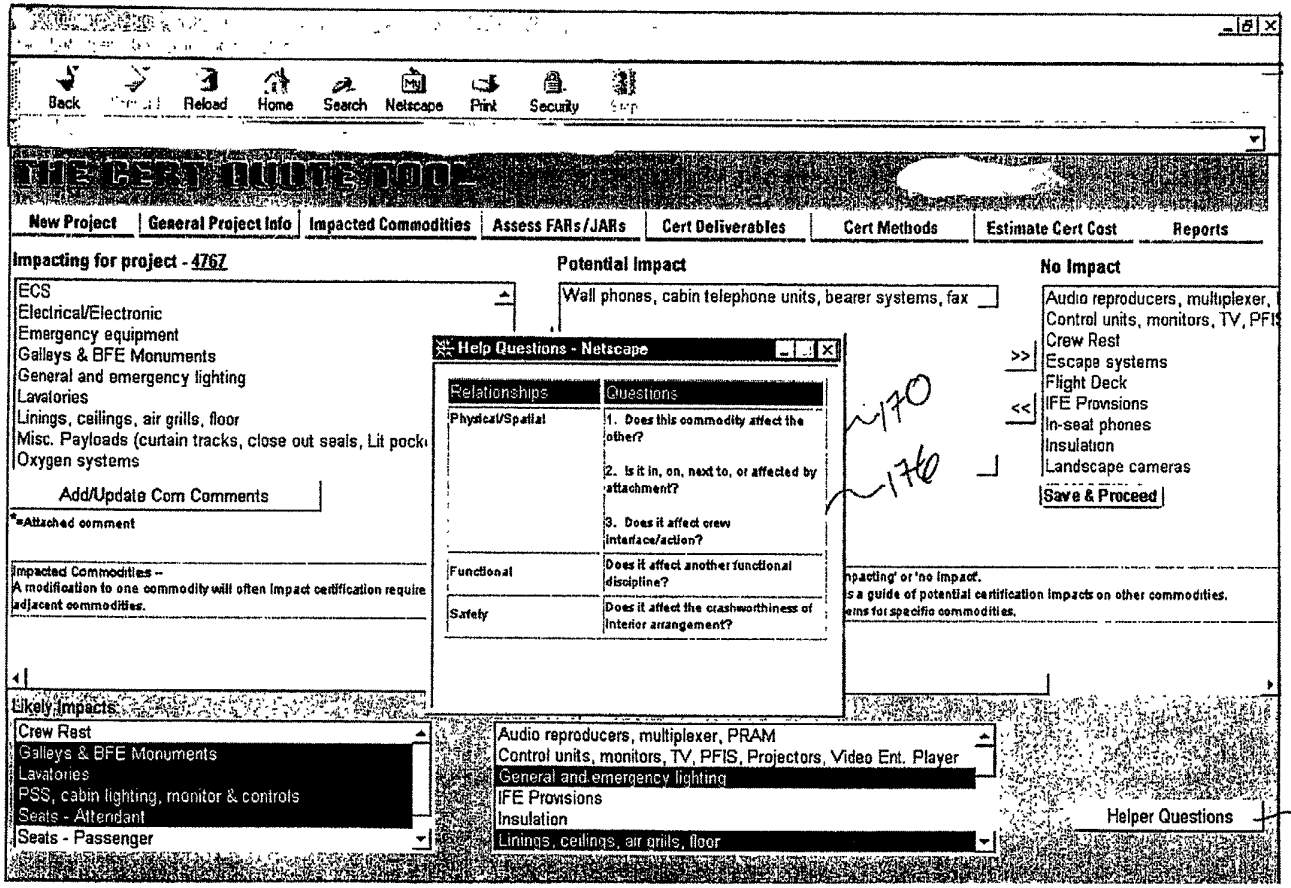

FIG. 7.

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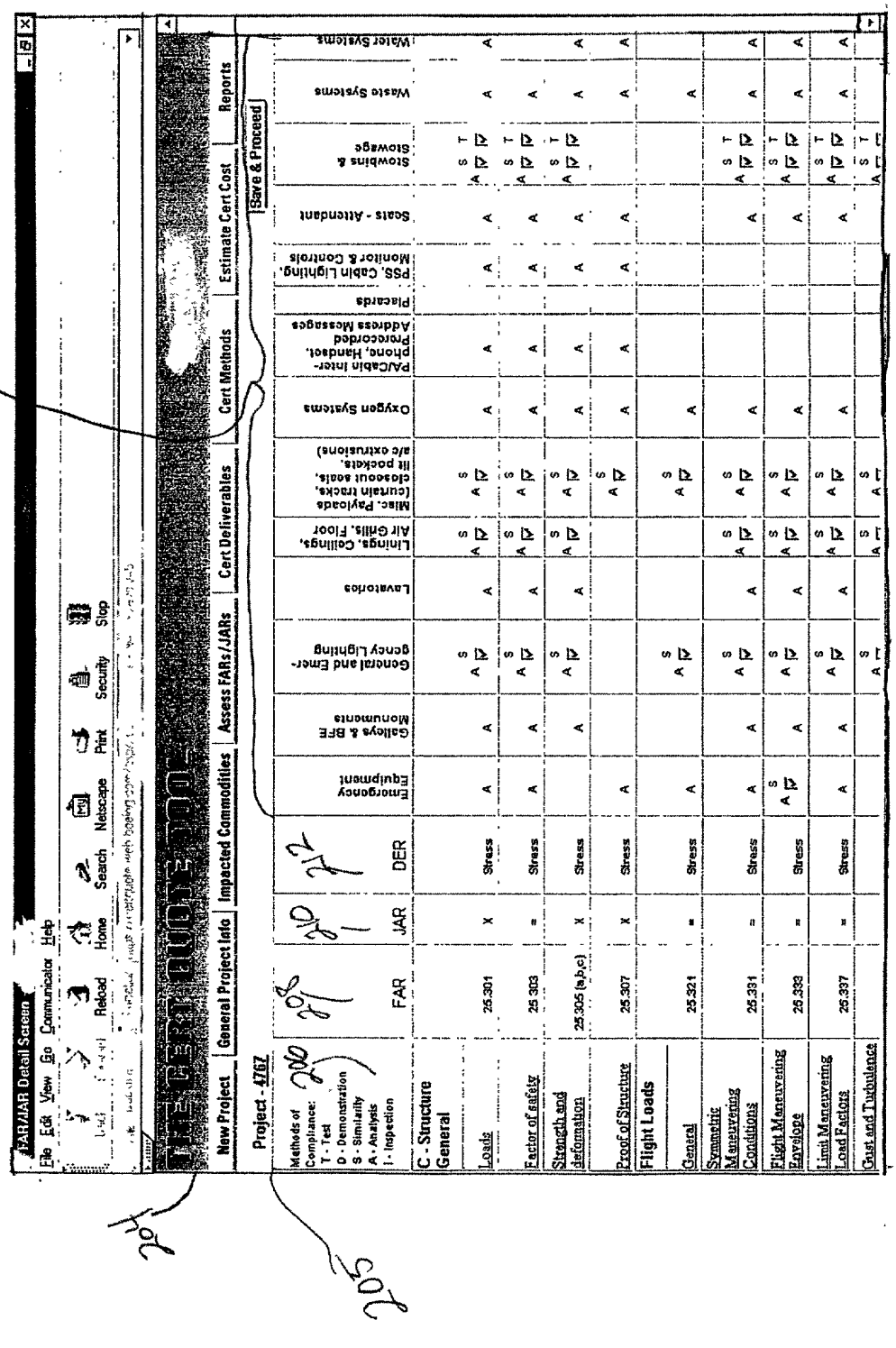
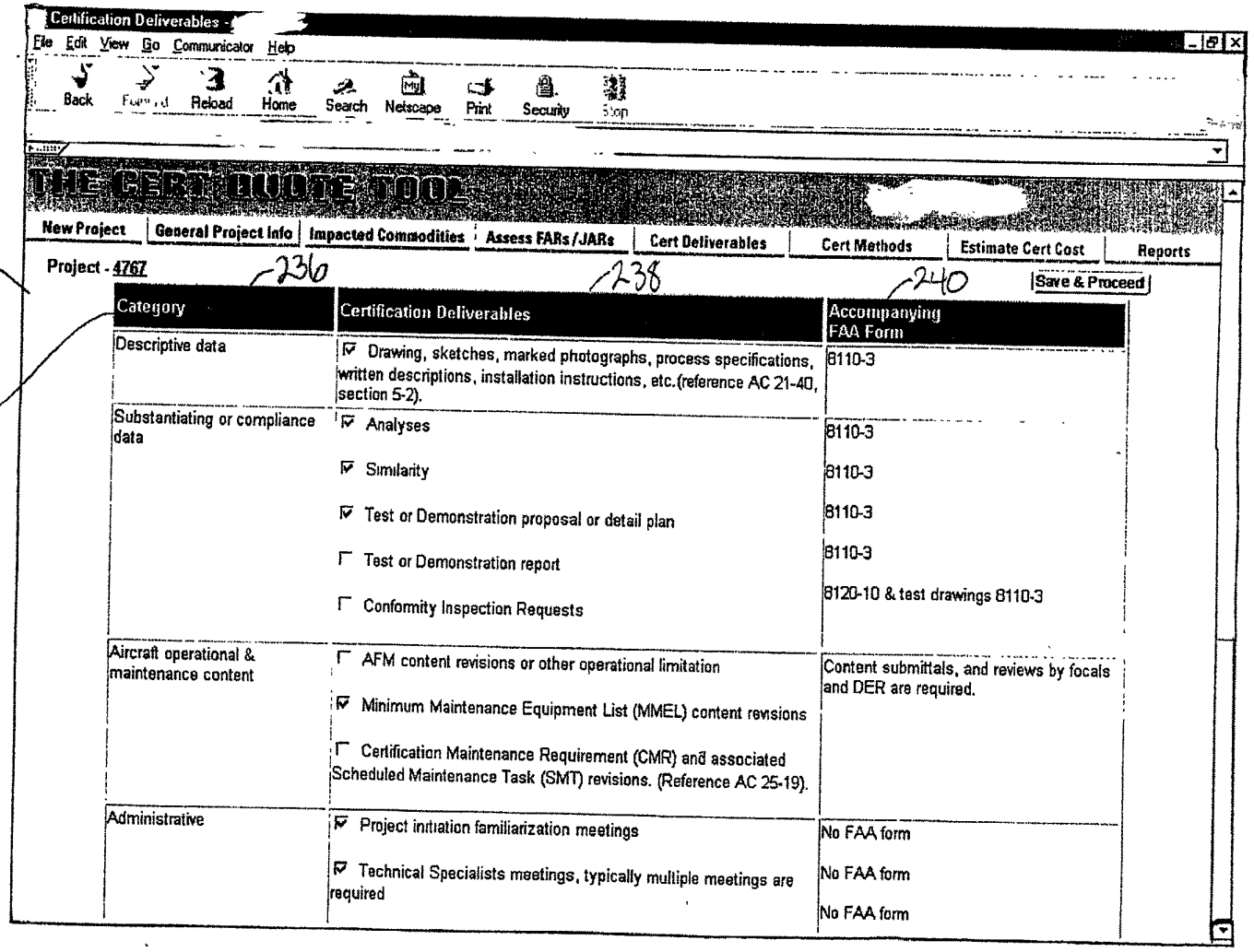


FIG. 8

EXHIBIT 2045

FIG. 9.



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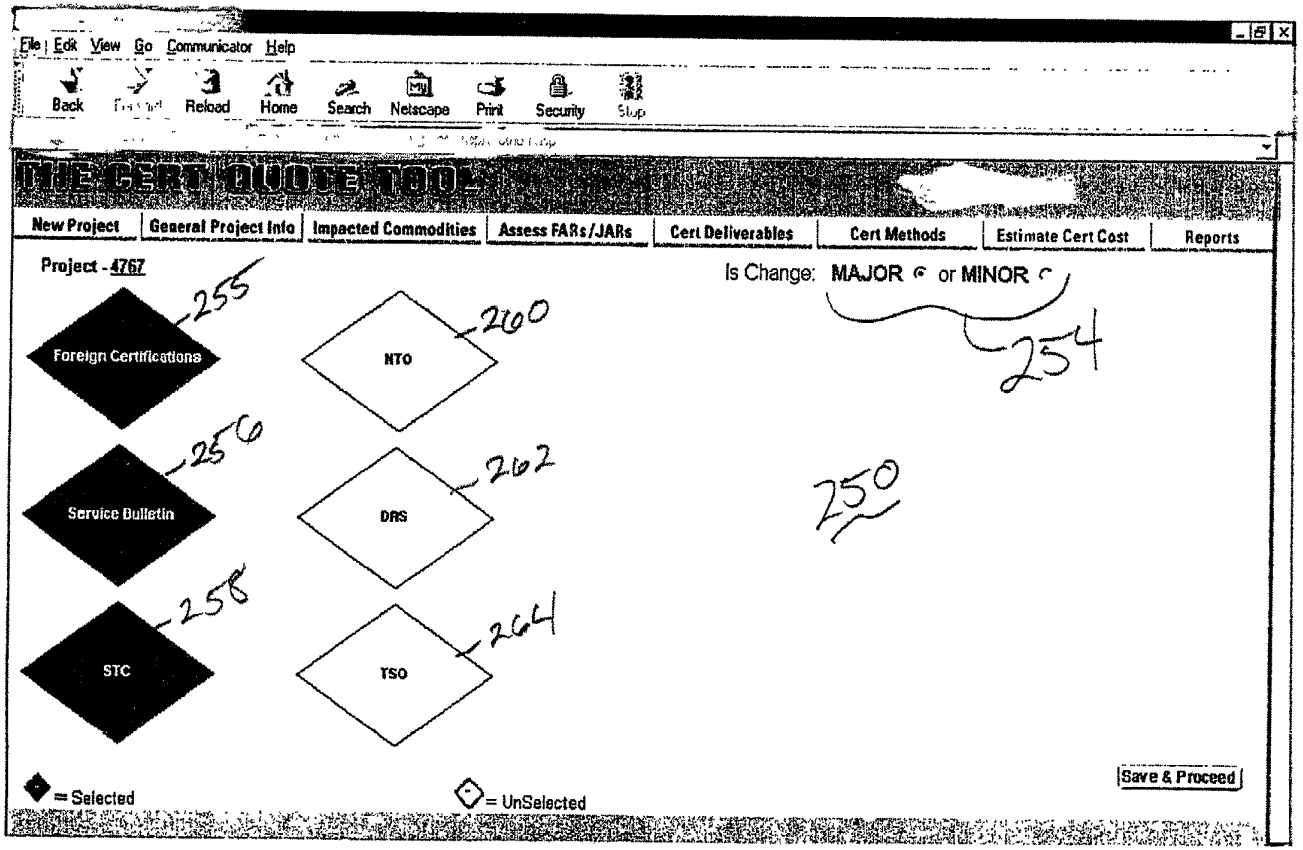

FIG. 10.

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FIG. 11

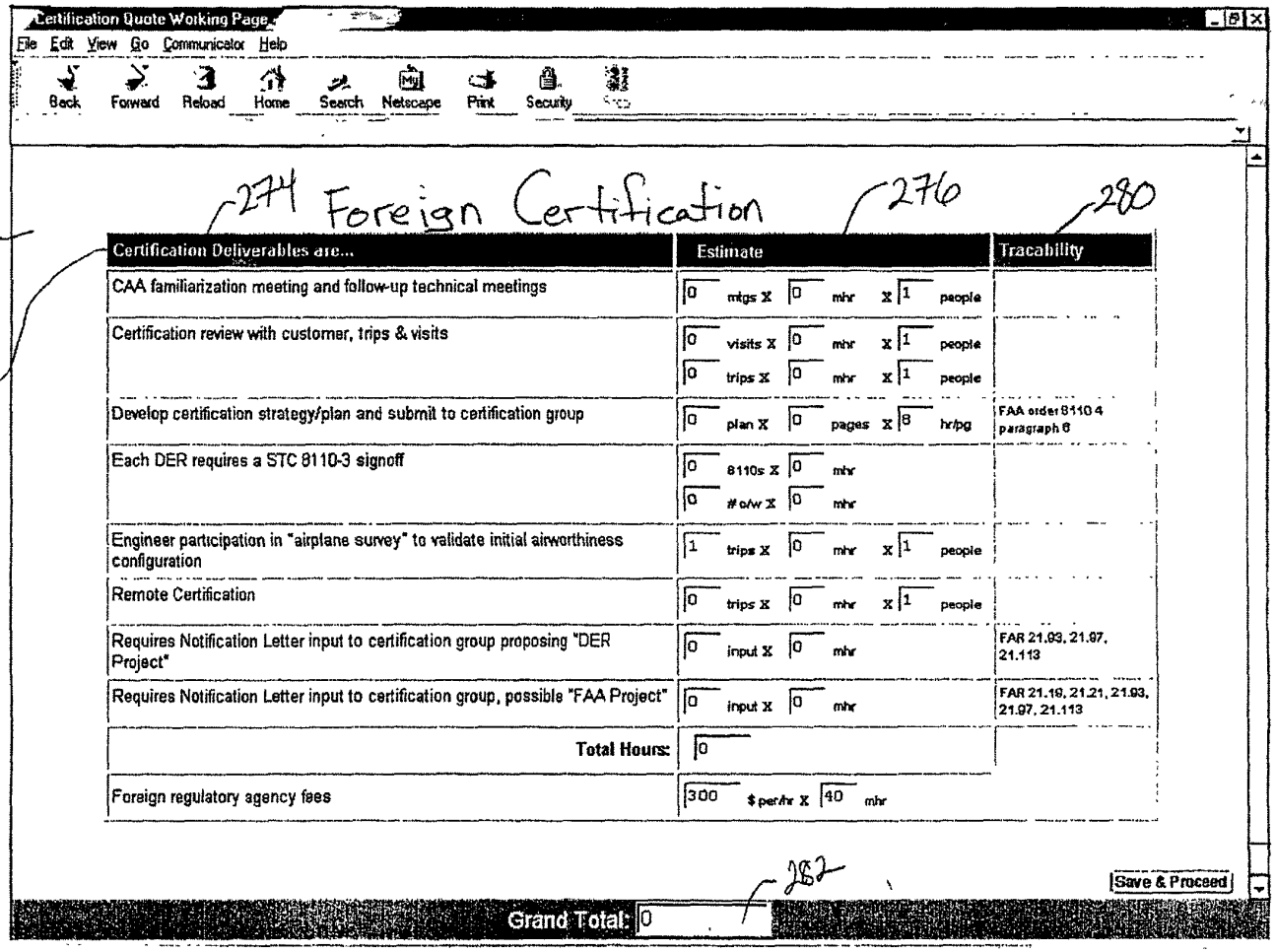

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FIG. 12

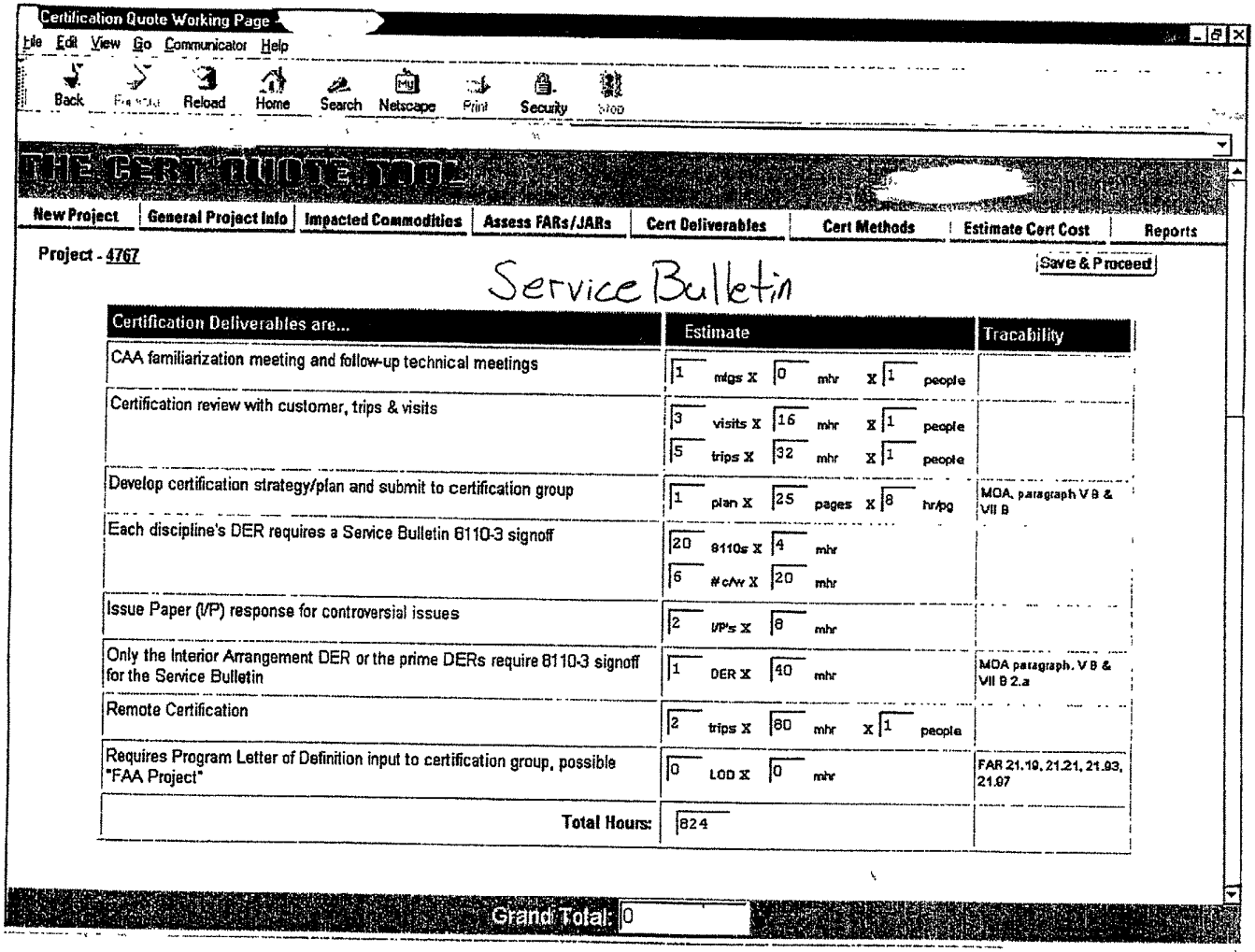

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FIG. 13

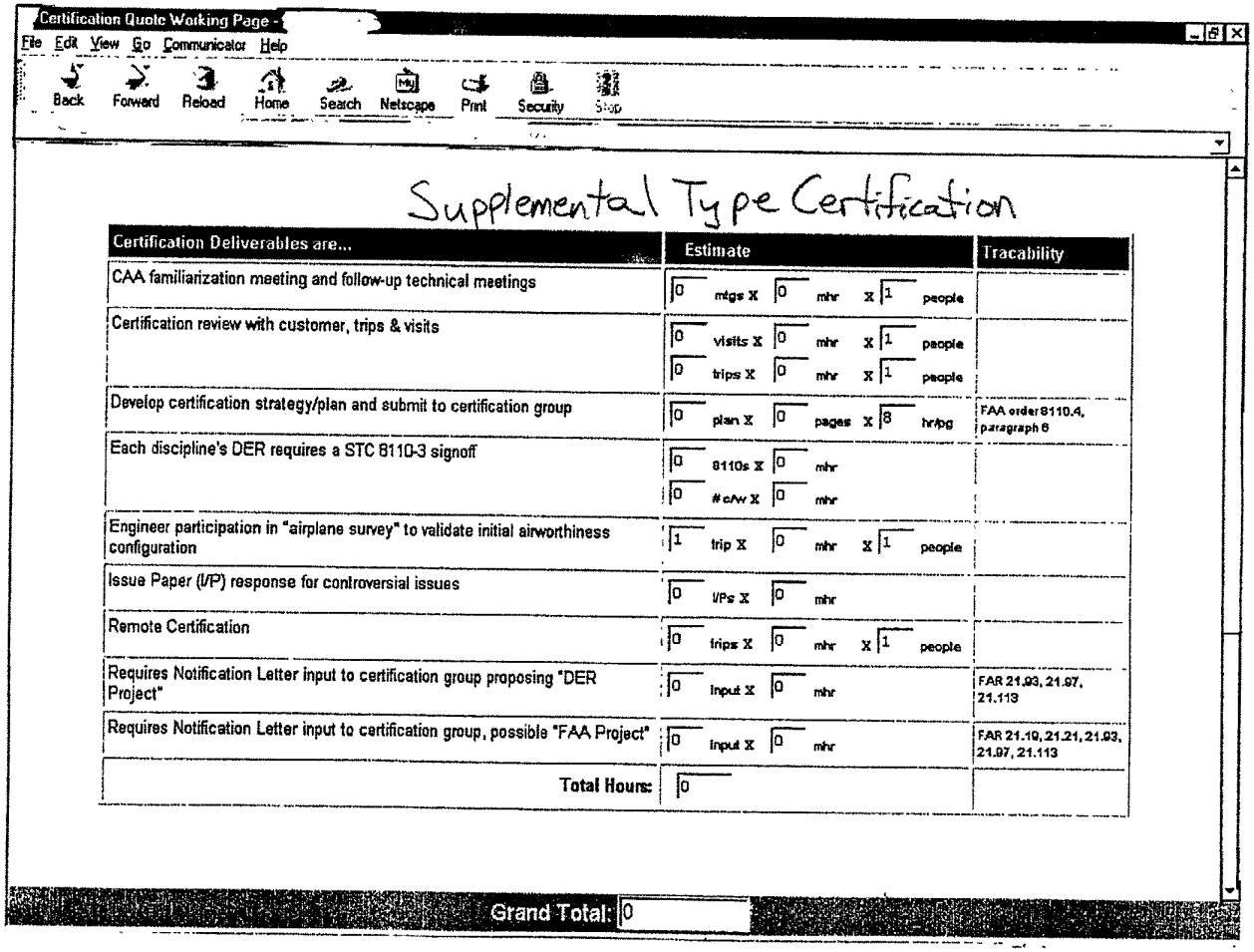

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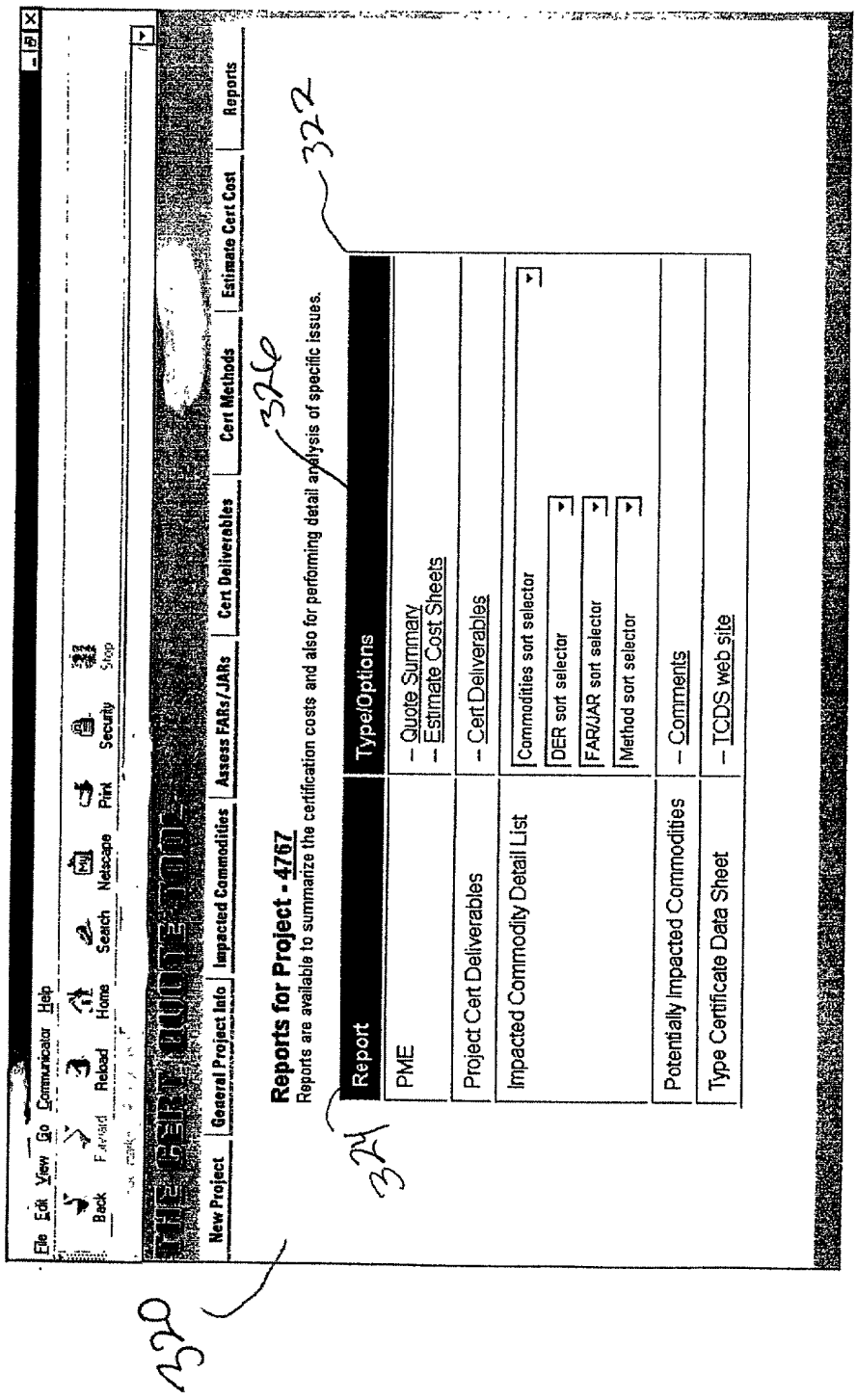
FIG. 14.



350

EXPRESS MAIL EL476256024US

Certification Quote Summary

Date:	8/6/2001	
Proposal #:	**4767** Status: **In Work**	Start Date: 4/15/01
Estimator:	**Cruz, Lisa A**	End Date: 4/15/02
Proposal Description:	**Hawaiian Airlines 767 Interior Mod**	
Change (Major/Minor):	Major	
Airplane Specifics:	767-300	
Certification Approach(s):	Service Bulletin, Supplemental Type Certificate, Foreign Certification	
Total (Cost) Man Hours*:	**824** **Total Foreign regulatory fees: $12000**	
DER Types:	Cargo Systems, Comm/Ant, ECS, Electrical, EMC/EMI, Escape Sys, Fire Contain, Flammability, Flight Manual, Interiors, Materials, Mechanisms, Oxygen Sys, PA/Entertain, Software, Stress, Structures, Water/Waste, Weights & Balance	

FIG. 15